

7. (Newly Added) The structure of claim 6, wherein each heat transfer coil has a diameter of about 7mm.

8. (Newly Added) A structure of heat transfer fin mounted within a heat exchanger that includes a plurality of heat transfer coils penetrating through the heat transfer fin, wherein air is supplied orthogonally to said heat transfer coils, and the heat transfer fin is partitioned in at least one fin unit in which arrays of slits are arranged in a row, the heat transfer fin being characterized in that the width of each slit is within a range of about 0.17 to 0.29 times the diameter of one heat transfer coil.

9. (Newly Added) The structure of claim 8, wherein a diameter of one heat transfer coil is about 7mm.

10. (Newly Added) A structure of heat transfer fin mounted within a heat exchanger that includes a plurality of heat transfer coils penetrating through the heat transfer fin, wherein air is supplied orthogonally to said heat transfer coils, and the heat transfer fin is partitioned in at least one fin unit in which arrays of slits are arranged in a row, the heat transfer fin being characterized in that the spacing between slits in each array is within a range of about 0.18 to 0.5 times the diameter of one heat transfer coil.

11. (Newly Added) The structure of claim 10, wherein a diameter of one heat transfer coil is about 7mm.

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